



Wednesday, May 16, 2012

Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

Project ID: SATIN  
Sample ID#s: BB85032 - BB85043

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 9:56  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85032

Project ID: SATIN

Client ID: P-62 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/15/12		M/K	30 - 150 %
% TCMX	96		%	05/15/12		M/K	30 - 150 %

Project ID: SATIN  
Client ID: P-62 6-7

Phoenix I.D.: BB85032

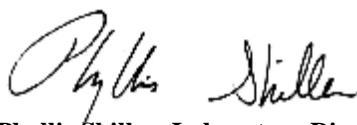
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 16, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



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## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date

05/11/12

Time

9:57

05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032

Phoenix ID: BB85033

Project ID: SATIN

Client ID: P-62 7-7.6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	1.2	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	108		%	05/15/12		M/K	30 - 150 %
% TCMX	110		%	05/15/12		M/K	30 - 150 %

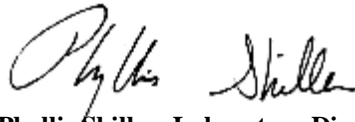
Parameter	Result	RL	Units	Date	Time	By	Reference
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## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:05  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85034

Project ID: SATIN  
Client ID: P-69 0-.3

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	0.6	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	99		%	05/15/12		M/K	30 - 150 %
% TCMX	76		%	05/15/12		M/K	30 - 150 %

Project ID: SATIN  
Client ID: P-69 0-.3

Phoenix I.D.: BB85034

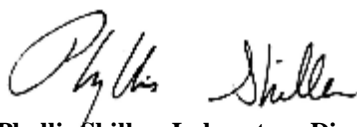
Parameter	Result	RL	Units	Date	Time	By	Reference
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Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:06  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85035

Project ID: SATIN

Client ID: P-69 .3-.6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	101		%	05/15/12		M/K	30 - 150 %
% TCMX	80		%	05/15/12		M/K	30 - 150 %



Project ID: SATIN  
Client ID: P-69 .3-.6

Phoenix I.D.: BB85035

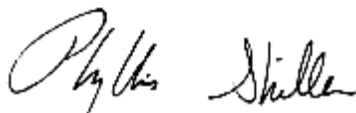
Parameter	Result	RL	Units	Date	Time	By	Reference
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## Analysis Report

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Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:07  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85036

Project ID: SATIN

Client ID: P-69 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	100		%	05/15/12		M/K	30 - 150 %
% TCMX	74		%	05/15/12		M/K	30 - 150 %

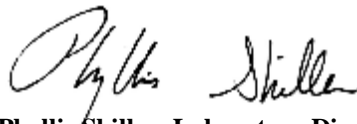
Parameter	Result	RL	Units	Date	Time	By	Reference
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## Analysis Report

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FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:08  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85037

Project ID: SATIN

Client ID: P-69 2-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.42	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	108		%	05/15/12		M/K	30 - 150 %
% TCMX	85		%	05/15/12		M/K	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:15  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85038

Project ID: SATIN

Client ID: P-69 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	96		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/15/12		M/K	30 - 150 %
% TCMX	78		%	05/15/12		M/K	30 - 150 %

Project ID: SATIN  
Client ID: P-69 5-6

Phoenix I.D.: BB85038

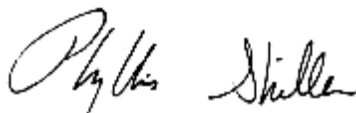
Parameter	Result	RL	Units	Date	Time	By	Reference
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6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:16  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85039

Project ID: SATIN  
Client ID: P-69 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/15/12		M/K	30 - 150 %
% TCMX	88		%	05/15/12		M/K	30 - 150 %



Project ID: SATIN  
Client ID: P-69 6-7

Phoenix I.D.: BB85039

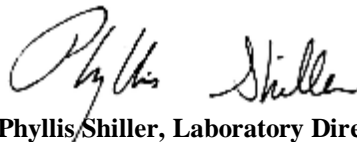
Parameter	Result	RL	Units	Date	Time	By	Reference
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## Analysis Report

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FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date

05/11/12

Time

10:17

05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032

Phoenix ID: BB85040

Project ID: SATIN

Client ID: P-69 7-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	91		%	05/15/12		M/K	30 - 150 %
% TCMX	83		%	05/15/12		M/K	30 - 150 %

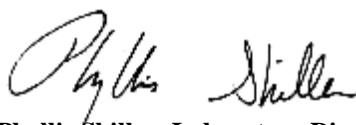
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 16, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date

05/11/12

Time

10:30

05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032

Phoenix ID: BB85041

Project ID: SATIN

Client ID: P-68 0-.3

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	71		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1221	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1232	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1242	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1248	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1254	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1260	1.6	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1262	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082
PCB-1268	ND	0.46	mg/Kg	05/14/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	105		%	05/14/12		MH	30 - 150 %
% TCMX	96		%	05/14/12		MH	30 - 150 %

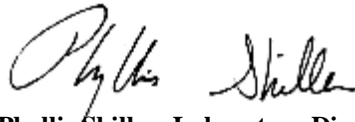
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 16, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:31  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85042

Project ID: SATIN

Client ID: P-68 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1221	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1232	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1242	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1248	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1254	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1260	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1262	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
PCB-1268	ND	0.39	mg/Kg	05/14/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	114		%	05/14/12		MH	30 - 150 %
% TCMX	92		%	05/14/12		MH	30 - 150 %

Project ID: SATIN  
Client ID: P-68 1-2

Phoenix I.D.: BB85042

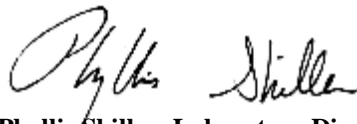
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 16, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones  
Leggette, Brashears & Graham  
6 Executive Drive  
Farmington CT 06030

### Sample Information

Matrix: SOLID  
Location Code: LBG-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/11/12 10:32  
05/11/12 14:15

### Laboratory Data

SDG ID: GBB85032  
Phoenix ID: BB85043

Project ID: SATIN

Client ID: P-68 2-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/14/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/14/12		MH	30 - 150 %
% TCMX	81		%	05/14/12		MH	30 - 150 %



Project ID: SATIN  
Client ID: P-68 2-3

Phoenix I.D.: BB85043

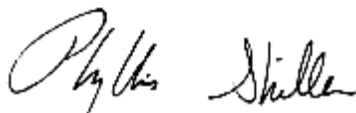
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 16, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 16, 2012

### QA/QC Data

SDG I.D.: GBB85032

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 200589, QC Sample No: BB85035 (BB85032, BB85033, BB85034, BB85035, BB85036, BB85037, BB85038, BB85039, BB85040, BB85041, BB85042, BB85043)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	112	95	16.4	105	113	7.3	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	104	95	9.0	128	133	3.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	88	91	82	10.4	94	92	2.2	30 - 150	30
% TCMX (Surrogate Rec)	95	93	83	11.4	89	94	5.5	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director  
May 16, 2012

# Sample Criteria Exceedences Report

Requested Criteria: GAM, RC

GBB85032

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
BB85033	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1200	370	1000	1000	ug/Kg
BB85041	LBG-PCB	\$PCB_SOXR	PCB-1260	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1600	460	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

# Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

**Laboratory Name:** Phoenix Environmental Labs, Inc. **Client:** LBG-PCB

**Project Location:** SATIN **Project Number:**

**Laboratory Sample ID(s):** BB85032, BB85033, BB85034, BB85035, BB85036, BB85037, BB85038, BB85039, BB85040, BB85041, BB85042, BB85043

**Sampling Date(s):** 5/11/2012

**RCP Methods Used:**

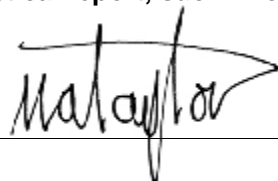
☐ 1311/1312    ☐ 6010    ☐ 7000    ☐ 7196    ☐ 7470/7471    ☐ 8081    ☐ EPH    ☐ TO15  
☒ 8082    ☐ 8151    ☐ 8260    ☐ 8270    ☐ ETPH    ☐ 9010/9012    ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

**Note:** For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

**I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.**

Authorized  
Signature:



Date: Wednesday, May 16, 2012

Printed Name: Maryam Taylor

Position: Project Manager



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

May 16, 2012

SDG I.D.: GBB85032

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## **PCB Narration**

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

**Instrument:** Au-ecd5 05/14/12-1 (BB85032, BB85033, BB85034, BB85035, BB85036, BB85037, BB85038, BB85039, BB85040)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

**Printed Name** Keith Aloisa  
**Position:** Chemist  
**Date:** 5/14/2012

**Instrument:** Au-ecd8 05/14/12-1 (BB85041, BB85042, BB85043)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

**Printed Name** Michael Hahn  
**Position:** Chemist  
**Date:** 5/14/2012

## **QC (Site Specific)**

----- Sample No: BB85035, QA/QC Batch: 200589 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

